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8 133 (((mark\$3 watermark\$) same (duplicat\$3 USPAT;	2003/07/17 11:44
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9 31 ((((mark\$3 watermark\$) same (duplicat\$3 USPAT;	2003/07/17 11:45
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10 1 ("5798844").PN. USPAT;	2003/07/17 13:02
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11 1 (("5798844").PN.) and (time period) USPAT;	2003/07/17 12:12
US-PGP	•
	2003/07/17 12:23
US-PGP	
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16 218130 (allowable predetermined permisible fixed) USPAT;	2003/07/17 12:26
near1 (time period) US-PGP	
IBM TD	3
17   218745   (allowable predetermined permissible   USPĀT;	2003/07/17 12:27
fixed) near1 (time period) US-PGP	•
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18 137 (382/306).CCLS. USPĀT;	2003/07/17 12:27
US-PGP	
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19 14 ((allowable predetermined permissible USPAT;	2003/07/17 12:32
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20 905 (382/100).CCLS. USPAT;	2003/07/17 12:32
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23 634625 21same (mark\$2 watermark\$2) USPAT;	2003/07/17 12:35
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24 3924 ((allowable predetermined permissible USPAT;	2003/07/17 12:35
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25 20 ((382/100).CCLS.) and (((allowable USPAT;	2003/07/17 12:50
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	3/43	reprodu\$5) same (time period)	USPAT; US-PGPUB;	2003/07/17 11:43
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2	919	(/marks2tomowks) game /dumliont/2	IBM_TDB	0000/07/17 11 44
4	919	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/07/17 11:44
1		reprodu\$5) same (time period)) same	US-PGPUB;	
1	115	(limit\$4 predetermin\$4 allowable permi\$4)	IBM_TDB	0000/05/15 11 55
4	115		USPAT;	2003/07/17 11:57
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		(limit\$4 predetermin\$4 allowable permi\$4))	IBM_TDB	
5	23	same imag\$3		0000/07/17 11 45
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		(limit\$4 predetermin\$4 allowable permi\$4))	US-PGPUB;	
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		same imag\$3) same (suspen\$4 cut\$4   terminat\$4 end\$4 finish\$3)		j
6	4716		tionam.	2002/07/17 11 44
0	4/10	reprodu\$5) same (time period)	USPAT;	2003/07/17 11:44
		reproduço, same (time period)	US-PGPUB;	
7	1050	((mark\$3 watermark\$) same (duplicat\$3	IBM_TDB USPAT:	2002/07/17 11 44
'	1030	reprodu\$5) same (time period)) same	USPAT; US-PGPUB;	2003/07/17 11:44
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8	133	(((mark\$3 watermark\$) same (duplicat\$3	USPAT;	2002/07/17 11-44
	133	reprodu\$5) same (time period)) same	USPAT; US-PGPUB;	2003/07/17 11:44
l		(limit\$4 predetermin\$4 allowable permi\$4))		
		same imag\$3	IBM_TDB	
9	31	((((mark\$3 watermark\$) same (duplicat\$3	HCDATT.	2002/07/17 11 45
	31	reprodu\$5) same (time period)) same	USPAT; US-PGPUB;	2003/07/17 11:45
		(limit\$4 predetermin\$4 allowable permi\$4))		
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		terminat\$4 end\$4 finish\$3)		
10	1	("5798844").PN.	USPAT;	2003/07/17 13:02
- "	1	( 0.50011 /.11.	USPAT; US-PGPUB;	2003/01/11 13:02
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11	1	(("5798844").PN.) and (time period)	USPAT;	2003/07/17 13:55
	-	( 1.10011 , 11111 , and (cline period)	US-PGPUB;	2003/01/11 13:33
			IBM TDB	
15	1	(("5765089").PN.) and (time period)	USPAT;	2003/07/17 12:23
	_	, , , , , , , , , , , , , , , , , , ,	US-PGPUB;	2003/01/11 12:23
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16	218130	(allowable predetermined permisible fixed)	USPAT;	2003/07/17 12:26
		near1 (time period)	US-PGPUB;	
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17	218745	(allowable predetermined permissible	USPAT;	2003/07/17 12:27
		fixed) near1 (time period)	US-PGPUB;	
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18	137	(382/306).CCLS.	USPAT;	2003/07/17 12:27
1			US-PGPUB;	
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19	14	((allowable predetermined permissible	USPAT;	2003/07/17 12:32
!		fixed) near1 (time period)) and	US-PGPUB;	
		((382/306).CCLS.)	IBM TDB	
20	905	(382/100).CCLS.	USPAT;	2003/07/17 12:32
]			US-PGPUB;	
			IBM TDB	
21	102	((382/100).CCLS.) and ((allowable	USPĀT;	2003/07/17 12:34
		predetermined permissible fixed) near1	US-PGPUB;	•
		(time period))	IBM TDB	
22	63	(((382/100).CCLS.) and ((allowable	USPĀT;	2003/07/17 12:35
[		predetermined permissible fixed) near1	US-PGPUB;	_
	_	<pre>(time period))) and (mark\$2 watermark\$2)</pre>	IBM TDB	
23	634625	21same(mark\$2 watermark\$2)	USPĀT;	2003/07/17 12:35
			US-PGPUB;	
			IBM_TDB	
24	3924	((allowable predetermined permissible	USPĀT;	2003/07/17 12:35
		fixed) near1 (time period)) same(mark\$2	US-PGPUB;	
		watermark\$2)	IBM_TDB	
25	20	((382/100).CCLS.) and (((allowable	USPAT;	2003/07/17 12:50
		predetermined permissible fixed) nearl	US-PGPUB;	
L		<pre>(time period)) same(mark\$2 watermark\$2))</pre>	IBM_TDB	



29	156	((setting set) adjl time) near10 (mark	USPAT;   2003/07/17 13:57
29	1 130	watermark)	US-PGPUB;
		watermark)	IBM TDB
1 20	1	///	
30	3	(((setting set) adj1 time) near10 (mark	USPAT; 2003/07/17 13:59
	ļ	watermark)) same print\$4	US-PGPUB;
			IBM_TDB
31	53	(((setting set) adj1 time) near10 (mark	USPAT; 2003/07/17 14:31
		watermark)) same (imag\$4 signal\$3)	US-PGPUB;
	l		IBM_TDB
32	128	(399/366).CCLS.	USPAT; 2003/07/17 14:36
			US-PGPUB;
			IBM_TDB
33	194	(283/902).CCLS.	USPAT; 2003/07/17 14:36
			US-PGPUB;
			IBM TDB
34	271	(380/51).CCLS.	USPAT; 2003/07/17 14:36
			US-PGPUB;
			IBM TDB
35	46	(399/80).CCLS.	USPAT; 2003/07/17 14:36
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1	3745	<pre>(mark\$3 watermark\$) same (duplicat43 reprodu\$5) same (time period)</pre>	USPAT; US-PGPUB;	2003/07/17 11:43
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4	115	<pre>(((mark\$3 watermark\$) same (duplicat43 reprodu\$5) same (time period)) same (limit\$4 predetermin\$4 allowable permi\$4)) same imag\$3</pre>	USPAT; US-PGPUB; IBM_TDB	2003/07/17 11:44
5	23		USPAT; US-PGPUB; IBM_TDB	2003/07/17 11:45
6	4716	· · · · · · · · · · · · · · · · · · ·	USPAT; US-PGPUB; IBM TDB	2003/07/17 11:44
7	1050	<pre>((mark\$3 watermark\$) same (duplicat\$3 reprodu\$5) same (time period)) same (limit\$4 predetermin\$4 allowable permi\$4)</pre>	USPAT; US-PGPUB; IBM TDB	2003/07/17 11:44
8	133	<pre>(((mark\$3 watermark\$) same (duplicat\$3 reprodu\$5) same (time period)) same (limit\$4 predetermin\$4 allowable permi\$4)) same imag\$3</pre>	USPAT; US-PGPUB; IBM_TDB	2003/07/17 11:44
9	31	<pre>((((mark\$3 watermark\$) same (duplicat\$3 reprodu\$5) same (time period)) same (limit\$4 predetermin\$4 allowable permi\$4)) same imag\$3) same (suspen\$4 cut\$4 terminat\$4 end\$4 finish\$3)</pre>	USPAT; US-PGPUB; IBM_TDB	2003/07/17 11:45





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DOCUMENT-IDENTIFIER: US 6473195 B1

TITLE: Image forming apparatus and video data transmitting method therefor

----- KWIC -----

Detailed Description Text - DETX (7): In the operation of the engine 26, referring to FIG. 5, when a signal indicating the passing of the mark 34 is received from the mark detecting sensor 35, the engine 26 outputs after a predetermined time the print start signal indicating that writing of an image corresponding to one page begins. Then, when a light receiving signal is output from the photodetector 33 corresponding to the received of light scanned by the laser scanning unit 32, the engine 26 outputs the video clock sync signal set corresponding to the time for emitting light corresponding to video data to the position of a pixel set along a scanning line after a predetermined time needed for the laser scanning unit 32 to scan light to an image writing area D set at the central portion of the photoreceptor web 31. The engine 26 internally counts the number of scanning lines written to the photoreceptor

US-PAT-NO: 6081678

DOCUMENT-IDENTIFIER: US 6081678 A

TITLE: Image forming apparatus and method to detect amount of toner adhered to a

toner image

----- KWIC -----

Detailed Description Text - DETX (29): In greater detail, the black toner image is formed in the following manner. The charger 203 uniformly charges the surface of the photoconductive drum 200 to a predetermined negative electric charge by corona discharging. The optical writing unit 220 exposes the photoconductive drum 200 with a laser raster image according to the black data after a predetermined time from a time the mark 515 is detected by the optical sensor 514. black data is converted from the R, G, and B image data of an original document, which is obtained by the color scanner 1 and temporarily stored in a memory (not shown) in the image-processing unit 300. The exposed photoconductive drum 200 loses the electric charge by a unit of a picture

US-PAT-NO:

5512986

DOCUMENT-IDENTIFIER: US 5512986 A

TITLE:

Electrophotography

apparatus

----- KWIC -----

Brief Summary Text - BSTX (55):

First, a method for forming the test pattern for the gradation correction will be described. After the predetermined time lapses from the time when the position detection mark 22 selected in the second stage of the gradation correction is detected by the position detection sensor 23, a latent image of the test pattern for the gradation correction is formed on the photosensitive sheet 1 with reference to the density data stored in the electrophotography apparatus. This latent image is developed by touching the photosensitive sheet 1 with the black development device 10K. The developed black test pattern for the gradation correction is transferred to the intermediate transfer sheet 18 and is carried to the density sensor 25.

US-PAT-NO:

5270769

DOCUMENT-IDENTIFIER: US 5270769 A

TITLE:

Electrophotographic

apparatus for formation of color

image on intermediate

transfer device

----- KWIC -----

Brief Summary Text - BSTX (7):

Preferably, the electrophotographic apparatus further comprises decision means for checking whether the image-formation start timing for a final image

of the plurality of images for a first color picture of the plurality of color pictures which is determined by the control means is in a predetermined range based on a predetermined time period from a time that said first reference position sensor means outputs said detection signal indicative of the detection of said first reference mark of said photosensitive means. The control means determines the image-formation start timing for the final image as an image-formation start timing for a first

## 4809198

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TITLE: Method for setting

and managing conditions in

photographic printing

----- KWIC -----

Detailed Description Text - DETX (7):

The thus exposed photographic paper 8 is conveyed to the processing section 10 and dealt with therein thereby to obtain a picture such as the reference image shown in FIG. 5 or FIG. 7. desired that the exposing treatment for the photographic paper 8 described above is performed manually or automatically at the initial time and particularly automatically at the completion of the preparation for the exposure. When the reference images of the R, G and B colors have been obtained after the processing in the processing section 10, the reference image of the photographic paper 8A actually printed with the predetermined setting conditions will be detected (Step S11) by either merely detecting the passing of the photographic paper 8 with a mark, or by further detecting the elapse of a predetermined time (10 minutes, for instance) from